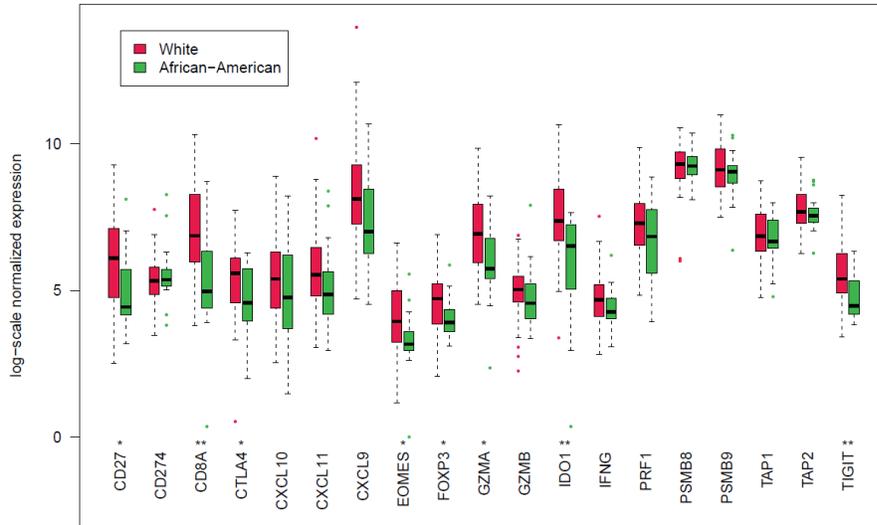
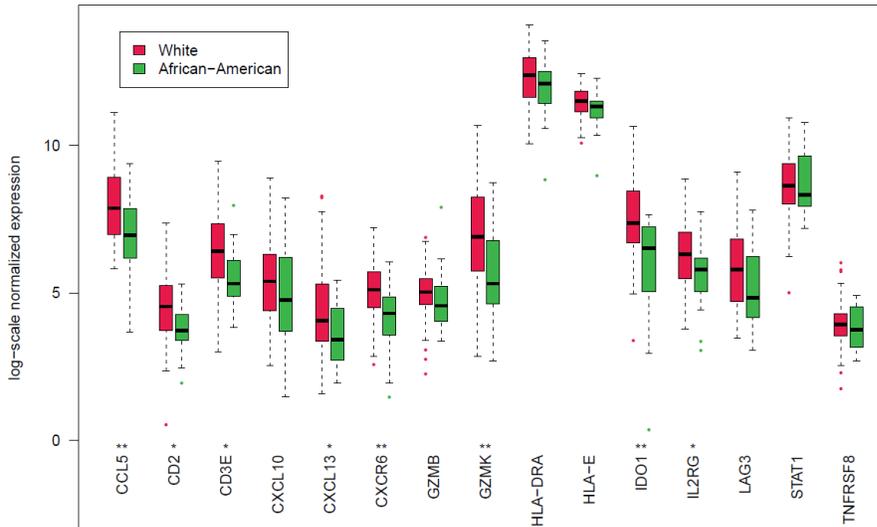


**Supplemental Fig 1:** Box plots comparing log-scale normalized gene expression between African American (green) (N=15) and caucasian (red) (N=100) patients in the Nanostring dataset.

**A. IMmotion150 Teff signature**



**B. KN-427 18-gene T-cell inflamed gene expression profile**



**C. Javelin101 Renal 101 Immuno signature**



\* p <math>\leq 0.05</math>  
 \*\* p <math>\leq 0.01</math>  
 \*\*\* p <math>\leq 0.001</math>

Supplemental Fig 2: Box plots comparing log-scale normalized gene expression between high stage (stage II-IV, blue) (N=253) and low stage (stage I, yellow) (N=259).

